SBR.No - 147/14-15 D. 28.08.2014

No. 1st & Final Bill — Original/Duplicate/Triplicate — Date

Division JD

CONTRACT CERTIFICATE

(For Other Works)

Bill Received No. SBD 14-15 Dated 30.8.14 — Sub-Division — Cash Book Voucher No. ..... Dated :

Scheduled Doctet No. — Head of Account

Name of work (as per sanctioned estimate) Improvements & Asphalting of Road at St.Mary's School Back side 1st cross L/s & R/s in Dasarahalli Ward No 15

Job Code No. 015-14-000007

Sri R. Mangalraj

Name of Contractor and Full Address

Reference to Agreement No. EE/DD/WO/85/14-15 Date 26/06/14

Certified that the measurements were taken by me on 25/08/14 and recorded in pages 44 To 46 of measurements Book No. 1712/12-13 and that the work is satisfactorily executed.

Contractor

25/08/14
Officer - In - charge of work

Certified that the measurements were checked by me on 28/8/14 and found correct. The work is satisfactorily executed.
Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

If Memorandum of Payment

Job Code No :- 015-14-000007

Sub-Division Officer

		AMOUNT
1.	Total value of work done or supplies made as per account. P771	
2.	Deduct amount to be held in reserve being ..... percent Rs.	
3.	- do - Balance	
4.	Deduct Payments :	
	a) Amount of previous payment as in the Office Cash Book Voucher No. ..... Dated ..... S.D. No.	
	Amount adjusted towards cash advance recovery of	
	b) Payments cost store or other materials supplied	
5.	Balance being unpaid value of work done held in reserve	
6.	Deduct cash advance made on the office Cash Book Vehicle No. ..... dated ..... less adjustments	
7.	Net amount due to or from contractor	
	Unadjusted items	
8.	Advance to contractor for materials brought to site (as detailed) within value of Government materials supplied	
	Total amount adjusted --	

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಆ. ದಾಸರಹಳ್ಳಿ ವಿಭಾಗ
ನಿಷತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಚಾಲಕರಾಜ್ಯ ಬೆಂಗಳೂರು - 560 073

Bill Amount - 193924=00
IT - 19349=00
VAT - 77397=00
LWC - 19348=00 Total (-) 136580=00
CBF - 1935=00
LR - 1850=00
Net - 1798344=00

Contractor Signature

Received Rs. ..... (in words)

..... by cash and by adjustment of

Payment as per memorandum.

Witnes sre : (In final settlement of all demand)

1.

2.

Date 30/8 Signature of Contractor

Paid by me by cheque No. ..... Dated .....

Cash Rs. ..... Dated .....

Initials of Officer making payment dated .....

Audited and admitted 193492H=00 (For use in the Office)
Passed by Cle 1798344=00
136580=00
Accounts
Engineer

Executive Engineer

	Items of work (grouped under sub-heads the sub works of the estimate)	Unit	Previous Measurement		Present Measurement			Total Up-to-date		Remarks
			Qty	Cost	Qty	Rate Rs. Ps.	Cost	Qty	Cost	
1	Excavation for road, drains and similar works - KSRRB 300-2. Earthwork excavation by manual means in hard soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications.	Cum			251.37	90.72	22804.00	251.37	22804.00	
2	Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and/or compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries complete as per specifications.	Sqm			1621.50	2.59	4200.00	1621.50	4200.00	3540=00
3	Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam Specifications including premixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per Specifications.	Cum			8.11	1121.64	9092.00	8.11	9092.00	
4	Providing, laying and rolling with vibratory roller of built-up spray grout layer over prepared base consisting of a two layer composite construction of compacted crushed coarse aggregates using motor grader for aggregates. Key stone chips spreader may be used with application of bituminous binder after each layer, and with key aggregates placed on top of the second layer to serve as a base confirming to the line, grades and cross-section specified, the compacted layer thickness being 75mm Complete as per specifications.	Sqm			162.15	268.92	43605.00	162.15	43605.00	
5	Providing and applying tack coat on the prepared black topped surfaces at 5kg per 10 sqm, heating bitumen in boiler fitted with spray set (Excluding cleaning of road surface) including cost of all Materials, labour, HOM of machineries complete as per specifications.	Sqm			1621.50	21.71	35203.00	1621.50	35203.00	
6	Providing and laying semi dense bituminous concrete 25mm thick with 100-120 TPH batch type HMP producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder at 4.5 to 5% of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH Specification clause No. 500.8 complete in all respects as per specifications.	Cum			48.64	9794.52	476405.00	48.64	476405.00	
7	Carriage of Mixed Materials complete as per specifications.	Cum			48.64	52.11	2535.00	48.64	2535.00	
8	Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface:- Providing and lying of hot applied Thermoplastic Compound 2.5mm thick including Reflectrising Glass Beads at 250 gms per Sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications.	Sqm			51.36	471.96	24240.00	51.36	24240.00	
9	Removing B.S.Slab of drain and stacking etc., complete as per specifications.	Sqm			369.79	50.11	18530.00	369.79	18530.00	
10	Providing and laying in position plain cement concrete of mix M7.5 with OPC cement @180 kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @0.57cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications.	Cum			34.67	4211.68	146009.00	34.67	146009.00	
11	Providing and laying in position plain cement concrete of mix M15 with OPC cement @240 kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregates @0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications.	Cum			23.11	4690.50	108397.00	23.11	108397.00	
12	Refixing stone slabs of drains and pointing in CM 1:3 etc., complete as per specifications.	Sqm			369.79	70.00	25900.00	369.79	25900.00	
13	Providing Granite slabs selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete as per specifications.	Sqm			246.53	343.44	84668.00	246.53	84668.00	7214=00
14	Refixing stone slabs of drains and pointing in CM 1:3 etc., complete as per specifications.	Sqm			616.32	70.00	43167.00	616.32	43167.00	

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ಆ ದಿನಾಂಕದಲ್ಲಿ ಅಥವಾ ಮೊದಲು
ಖರ್ಚು ಮಾಡಲು ಮಂಜೂರಾತಿ ನೀಡಿದೆ
ಅಧೀಕ್ಷಕ ಅಭಿಯಂತರರು - 560 013

	Items of work (grouped under sub-heads the sub works of the estimate)	Unit	Previous Measurement		Present Measurement			Total Up-to-date		Remarks
			Qty	Cost	Qty	Rate Rs. Ps	Cost	Qty	Cost	
15	Providing and constructing precast concrete solid blocks with compressive strength not les than 35 Kg/sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x20x20 cms conforming to I.S. 2185/1966 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications.	Sqm			205.44	924.43	189925.00	205.44	189925.00	
16	Supplying and fixing precast rainforced concee slab 10cm thick including cost of reinforsment as per design and drawing material cost, transportation, hire charges of machinery, machine cutting the vertical face to get plain even surface etc., complete with all leads and lift conveyance charges, labour charges inclusive of cost of all materials. complete as per specifications.	Sqm			462.24	1600.00	739584.00	462.24	739584.00	
17	Disposal of debris to the final place of disposal with all lead and lift and as direction by the engineer in charge of the work, lead 4 Km a) Basic rate for haulage of materials as per item No. 17.4/KSRRB : M100-4.1 ..... Rs. 2.00 Tonne/Km b) Average earth of work 1.28 Tonne/Km for Rs. 2.00/Km c) Add loading and unloading complete as per specifications.	Cum			261.37	78.00	19607.00	261.37	19607.00	
	GRAND TOTAL						1993871.00		1993871.00	

CERTIFICATE:

1 Work done is satisfactory

2 There are no departmental issuesmade to the contractor

3 The contractor has cleared all debrice from work spot

Rupees in words .....

1934924=00 1934924=00

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A. Executive Engineer
ಪೂರ್ವ ಬೆಂಗಳೂರು ವಿಭಾಗ ಬೆಂಗಳೂರು
Eastern Bangalore - 560 073